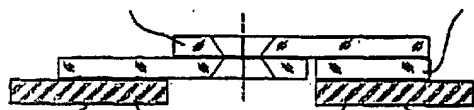


Si aperture with etching
window of $1 \times 1 \text{ mm}^2$

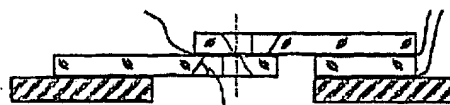
Si distance plate



Mechanical contrivance of the pinhole opens and closes
symmetrically

Spacer foil $10 \mu\text{m}$

Gluing



Si etching angle 54.7°

Pinhole open with $1 \times 1 \text{ mm}^2$

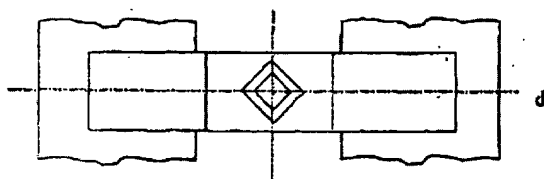
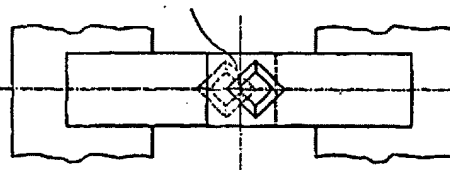


Figure 1: Pinhole with 2 silicon apertures

Pinhole



Pinhole open with $3 \times 3 \text{ mm}^2$

Figure 2:

